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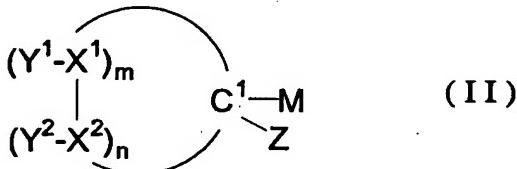
24 JAN 2005

R<sup>1</sup> is an alkyl group optionally having substituent(s) or an aryl group optionally having substituent(s), and

R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined above,

with an organometallic compound represented by the formula

5 (II)



wherein

M is an atom of an element belonging to Group 1, Group 2, Group 12 or Group 13 of the periodic table except a

10 hydrogen atom, and

m, n, C<sup>1</sup>, Z, X<sup>1</sup>, X<sup>2</sup>, Y<sup>1</sup> and Y<sup>2</sup> are as defined above.

4. The production method of claim 3, wherein the organometallic compound (II) has an aromatic heterocycle.

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5. The production method of claim 4, wherein the aromatic heterocycle is a pyridine ring, a pyrimidine ring, a pyridazine ring, a pyrazine ring, a thiophene ring, a furan ring, a pyrrole ring, an imidazole ring, a pyrazole ring, a

20 thiazole ring, an oxazole ring or an isoxazole ring.

6. The production method of any of claims 3 to 5, wherein, in the formula (II), M is a lithium atom, a sodium atom, a potassium atom, a magnesium atom, a calcium atom, a zinc atom, a boron atom or an aluminum atom.

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7. The production method of any of claims 3 to 5, wherein, in the formula (II), M is a lithium atom or a magnesium atom.

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**THE FOLLOWING ARE THE ENGLISH TRANSLATION  
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT (ARTICLE 34):**

**Amended Sheet (Page 37)**

## PATENT COOPERATION TREATY

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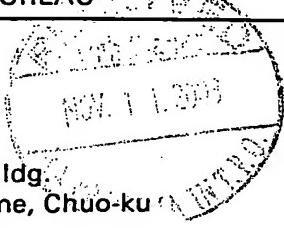
Rec'd PCT  
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24 JAN 2004

From the INTERNATIONAL BUREAU

To:

TAKASHIMA, Hajime  
 Fujimura Yamato Seimei Bldg.  
 2-14, Fushimimachi 4-chome, Chuo-ku  
 Osaka-shi, Osaka 541-0044  
 Japan

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

|  |   |
|--|---|
| Date of mailing (day/month/year)<br>03 November 2003 (03.11.03)      |   |
| Applicant's or agent's file reference<br>09571                       |   |
| International application No.<br>PCT/JP03/09317                      | International filing date (day/month/year)<br>23 July 2003 (23.07.03) |
| International publication date (day/month/year)<br>Not yet published | Priority date (day/month/year)<br>23 July 2002 (23.07.02)             |
| Applicant<br><br>KURARAY CO., LTD. et al                             |   |

1. The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
3. An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
4. The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

| <u>Priority date</u>    | <u>Priority application No.</u> | <u>Country or regional Office<br/>or PCT receiving Office</u> | <u>Date of receipt<br/>of priority document</u> |
|-------------------------|---------------------------------|---|---|
| 23 July 2002 (23.07.02) | 2002-214097                     | JP  | 12 Sept 2003 (12.09.03)                         |

|  |   |
|--|---|
| The International Bureau of WIPO<br>34, chemin des Colombettes<br>1211 Geneva 20, Switzerland<br><br>Facsimile No. (41-22) 338.90.90 | Authorized officer<br><br>taieb AKREMI (Fax 338 9090)<br><br>Telephone No. (41-22) 338 9415 |
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